

IN THE CLAIMS

Please add/delete/amend the claims as follows:

1. (Currently Amended) A polyurethane film comprising a film prepared from a polyurethane dispersion, the dispersion being prepared from a non-ionic polyurethane prepolymer, and the prepolymer being prepared from a polyurethane prepolymer formulation including a MDI diisocyanate, the MDI having a P,P'-isomer content from 99 to 90 percent diisocyanate and an active hydrogen containing material wherein:
the dispersion is formed in a two or more step process wherein,
 - (1) in a first step the prepolymer is formed and, in a subsequent step,
 - (2) an aqueous dispersion of the prepolymer is formed, ~~in the presence of an anionic surfactant, both steps occurring in the substantial absence of an organic solvent; and~~
further wherein the particle size of the particulates in the dispersion is from 0.9 microns to about 0.05 microns.
2. CANCELLED.
3. (Previously) CANCELLED.
4. (Previously) CANCELLED.
5. (Currently Amended) The polyurethane film according to Claim 1 ~~±~~ 29 wherein the anionic surfactant is sodium dodecyl benzene sulfonate.
6. (Previously) CANCELLED.
7. (Original) The polyurethane film according to Claim 1 wherein the dispersion has a solids content of from 5 to 60 weight percent.

8. (Original) The film of Claim 1, wherein the film has a shape of a glove, a condom, an angioplasty balloon, a medical bag or a catheter.

9. (Previously Amended) A process for preparing a polyurethane film comprising the steps of:

(a) preparing a non-ionic polyurethane prepolymer;

(b) dispersing the prepolymer in water ~~in the presence of an anionic surfactant, the particle size of the particulates in the dispersion being from 0.9 microns to about 0.05 microns;~~ and then

(c) applying the dispersion to a substrate as a film;

wherein the prepolymer is prepared from a polyurethane prepolymer formulation including a MDI diisocyanate, the MDI having a P,P'-isomer content from 99 to 90 percent diisocyanate and an active hydrogen containing material; ~~and~~

~~wherein steps (a) and (b) both occur in the substantial absence of an organic solvent.~~

10. CANCELLED.

11. (Original) The process according to Claim 9 wherein step (c) comprises dipping, thermal coagulation, casting, electrodeposition, or a combination thereof.

12. (Original) The process of Claim 9 wherein the shape of the substrate is such that the resulting film is in the shape of a glove, condom, angioplasty balloon, medical bag, medical tubing, or catheter.

13. CANCELLED.

14. CANCELLED.

15. (Previously) CANCELLED.

16. (Previously) CANCELLED.
17. (Previously) CANCELLED.
18. CANCELLED.
19. CANCELLED.
20. CANCELLED.
21. CANCELLED.
22. CANCELLED.
23. CANCELLED.
24. (Previously Added) An aqueous polyurethane dispersion, ~~useful for preparing polyurethane films,~~ comprising the product of dispersing in water a nonionic polyurethane prepolymer prepared from a prepolymer formulation including an MDI diisocyanate, the MDI having a P,P'-isomer content from 99 to 90 percent ~~and a mixture of diols~~ wherein the dispersion is formed in a two or more step process wherein:
 - (1) in a first step the prepolymer is formed and, in a subsequent step,
 - (2) an aqueous dispersion of the prepolymer is formed, ~~in the presence of an anionic surfactant,~~~~both steps (1) and (2) occurring in the substantial absence of an organic solvent.~~
25. (Previously Added) The dispersion of Claim 24, wherein the dispersion has a solids content of from about 5 to about 60 weight percent.

26. (CANCELLED.)
27. (New) The polyurethane film of Claim 1, wherein the P,P'-isomer content of the MDI diisocyanate is from about 98 to about 92 percent.
28. (New) The polyurethane film of Claim 27, wherein the P,P-isomer content of the MDI diisocyanate is about 94 percent.
29. (New) The polyurethane film of Claim 27, wherein the P,P-isomer content of the MDI diisocyanate is about 98 percent.
30. (New) The polyurethane film of Claim 1, wherein the aqueous dispersion of the prepolymer is formed in the presence of an anionic surfactant.
31. (New) The polyurethane film of Claim 1, wherein the two or more step process for forming the dispersion occurs in the substantial absence of an organic solvent.
32. (New) The polyurethane film of Claim 1, wherein the particle size of the particulates in the dispersion is from 0.9 microns to about 0.05 microns.
33. (New) The process of Claim 9, wherein the prepolymer is dispersed in water in the presence of an anionic surfactant.
34. (New) The process of Claim 9, wherein the particle size of the particulates in the dispersion being from 0.9 microns to about 0.05 microns.

35. (New) The process of Claim 9, wherein both steps (a) and (b) occur in the substantial absence of an organic solvent.
36. (New) The aqueous polyurethane dispersion of Claim 24, wherein the prepolymer formulation further comprising a mixture of diols.
37. (New) The aqueous polyurethane dispersion of Claim 24, wherein the aqueous dispersion of the prepolymer is formed in the presence of an anionic surfactant.
38. (New) The aqueous polyurethane dispersion of Claim 24, wherein both steps (1) and (2) occur in the substantial absence of an organic solvent.
39. (New) The aqueous polyurethane dispersion of Claim 24, wherein the P,P'-isomer content of the MDI diisocyanate is between about 98 to about 92 percent.
40. (New) The aqueous polyurethane dispersion of Claim 38, wherein the P,P'-isomer content of the MDI diisocyanate is about 94 percent.
41. (New) The aqueous polyurethane dispersion of Claim 38, wherein the P,P'-isomer content of the MDI diisocyanate is about 98 percent.